

Declaration and Power of Attorney for Patent Application

特許出願宣言書及び委任状

Japanese Language Declaration

日本語宣言書

下々の氏名の発明者として、私は以下の通り宣言します。

As a below named inventor, I hereby declare that:

私の住所、私書箱、国籍は下記の私の氏名の後に記載された通りです。

My residence, post office address and citizenship are as stated next to my name.

下記の名称の発明に関して請求範囲に記載され、特許出願している発明内容について、私が最初かつ唯一の発明者（下記の氏名が一つの場合）もしくは最初かつ共同発明者であると（下記の名称が複数の場合）信じています。

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

SOLID ELECTROLYTIC CAPACITOR AND
METHOD FOR PRODUCING THE SAME

上記発明の明細書（下記の欄でx印がついていない場合は、本書に添付）は、

the specification of which is attached hereto unless the following box is checked:

☐ 月 日に提出され、米国出願番号または特許協定条約国際出願番号を _____ とし、
（該当する場合） _____ に訂正されました。

☒ was filed on January 20, 1999
as United States Application Number or PCT
International Application Number
09/233,451 and was amended on _____
(if applicable)

私は、特許請求範囲を含む上記訂正後の明細書を検討し、内容を理解していることをここに表明します。

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

私は、連邦規則法第37編第1条56項に定義されるとおり、特許資格の有無について重要な情報を開示する義務があることを認めます。

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

Japanese Language Declaration

日本語宣言

私は、米国法典第35編119条(a)-(d)項又は365条(b)項に基づき下記の、米国外の国の少なくとも一カ国を指定している特許協力条約365(a)項に基づく国際出願、又は外国での特許出願もしくは発明者証の出願についての外国優先権をここに主張するとともに、優先権を主張している。本出願の前に出願された特許または発明者証の外国出願を以下に、枠内をマークすることで、示しています。

I hereby claim foreign priority under Title 35, United States Code, § 119(a)-(d) or § 365 (b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Prior foreign application(s)
外国での先行出願

Priority Not Claimed
優先権主張なし

H09-329086 Japan
(Number) (Country)
(番号) (国名)

28/11/1997
(Day/Month/Year Filed)
(出願年月日)

☒

H09-329087 Japan
(Number) (Country)
(番号) (国名)

28/11/1997
(Day/Month/Year Filed)
(出願年月日)

☒

H09-343254 Japan
(Number) (Country)
(番号) (国名)

12/12/1997
(Day/Month/Year Filed)
(出願年月日)

☒

私は、第35編米国法典119条(e)項に基づいて下記の米
国特許出願規定に記載された権利をここに主張いたします。

I hereby claim the benefit under Title 35, United States Code, §
119(e) of any United States provisional application(s) listed
below.

60/106,967 November 4, 1998
(Application No.) (Filing Date)
(出願番号) (出願日)

60/106,968 November 4, 1998
(Application No.) (Filing Date)
(出願番号) (出願日)

私は、下記の米国法典第35編120条に基づいて下記の米
国特許出願に記載された権利、又は米国を指定している特許
協力条約365条(c)に基づき権利をここに主張します。また、
本出願の各請求範囲の内容が米国法典第35編112条
第1項又は特許協力条約で規定された方法で先行する米国特
許出願に開示されていない限り、その先行米国出願書提出日
以降で本出願書の日本国内または特許協力条約国際提出日ま
での期間中に入手された、連邦規則法典第37編1条56項
で定義された特許資格の有無に関する重要な情報について開
示義務があることを認識しています。

I hereby claim the benefit under Title 35, United States Code, §
120 of any United States application(s), or § 365(c) of any PCT
International application designating the United States, listed
below and, insofar as the subject matter of each of the claims of
this application is not disclosed in the prior United States or PCT
International application in the manner provided by the first
paragraph of Title 35, United States Code, § 112, I acknowledge
the duty to disclose information which is material to patentability
as defined in Title 37, Code of Federal Regulations, § 1.56
which became available between the filing date of the prior
application and the national or PCT International filing date of
this application.

(Application No.) (Filing Date)
(出願番号) (出願日)

(Status)(patented, pending, abandoned)
(現況：特許許可済、係属中、放棄済)

(Application No.) (Filing Date)
(出願番号) (出願日)

(Status)(patented, pending, abandoned)
(現況：特許許可済、係属中、放棄済)

私は、私自身の知識に基づいて本宣言書中で私が行なう表
明が真実であり、かつ私の入手した情報と私の信じることに
基づき表明が全て真実であると信じていること、さらに故
意になされた虚偽の表明及びそれと同等の行為は米国法典第
18編第1001条に基づき、罰金または拘禁、もしくはその
両方により処罰されること、そしてそのような故意による
虚偽の表明を行なえば、出願した、又は既に許可された特許
の有効性が失われることを認識し、よってここに上記のごと
く宣誓を致します。

I hereby declare that all statements made herein of my own
knowledge are true and that all statements made on information
and belief are believed to be true; and further that these
statements were made with the knowledge that willful false
statements and the like so made are punishable by fine or
imprisonment, or both, under Section 1001 of Title 18 of the
United States Code and that such willful false statements may
jeopardize the validity of the application or any patent issued
thereon.

Japanese Language Declaration

日本語宣言書

委任状： 私は下記の発明者として、本出願に関する一切の手続きを米特許商標局に対して遂行する弁理士または代理人として、下記の者を指名いたします。（弁理士、または代理人の氏名及び登録番号を明記のこと）

John H. Mion, Reg. No. 18,879; Thomas J. Macpeak, Reg. No. 19,292; Robert J. Seas, Jr., Reg. No. 21,092; Darryl Mexic, Reg. No. 23,063; Robert V. Sloan, Reg. No. 22,775; Peter D. Olexy, Reg. No. 24,513; J. Frank Osha, Reg. No. 24,625; Waddell A. Biggart, Reg. No. 24,861; Louis Gubinsky, Reg. No. 24,835; Neil B. Siegel, Reg. No. 25,200; David J. Cushing, Reg. No. 28,703; John R. Inge, Reg. No. 26,916; Joseph J. Ruch, Jr., Reg. No. 26,577; Sheldon I. Landsman, Reg. No. 25,430; Richard C. Turner, Reg. No. 29,710; Howard L. Bernstein, Reg. No. 25,665; Alan J. Kasper, Reg. No. 25,426; Kenneth J. Burchfiel, Reg. No. 31,333; Gordon Kit, Reg. No. 30,764; Susan J. Mack, Reg. No. 30,951; Frank L. Bernstein, Reg. No. 31,484; Mark Boland, Reg. No. 32,197; William H. Mandir, Reg. No. 32,156; Brian W. Hannon, Reg. No. 32,778; Abraham J. Rosner, Reg. No. 33,276; Bruce E. Kramer, Reg. No. 33,725; Paul F. Neils, Reg. No. 33,102; Brett S. Sylvester, Reg. No. 32,765; Robert M. Masters, Reg. No. 35,603, and George F. Lehnigk, Reg. No. 36,359

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: (list name and registration number)

書類送付先

Send Correspondence to:
SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC
2100 Pennsylvania Avenue, N.W. Suite 800
Washington, D.C. 20037-3213

直接電話連絡先：（名前及び電話番号）

Direct Telephone Calls to:

(202)293-7060

唯一または第一発明者名	Full name of sole or first inventor Hiroshi KONUMA
発明者の署名 日付	Inventor's signature Date Hiroshi Konuma 6/16/99
住所	Residence Chiba, JAPAN
国籍	Citizenship Japanese
私書箱	Post office address: c/o HD Plant, SHOWA DENKO, K.K., 5-1, Yawata Kaigan-dori, Ichihara-shi, Chiba 290-0067 JAPAN
第二共同発明者	Full name of second joint inventor, if any Koro SHIRANE
第二共同発明者 日付	Second inventor's signature Date Koro Shirane 6/16/99
住所	Residence Chiba, JAPAN
国籍	Citizenship Japanese
私書箱	Post Office Address c/o Central Research Laboratory, SHOWA DENKO, K.K., 1-1, Ohnodai 1-chome, Midori-ku, Chiba-shi, Chiba 267-0056 JAPAN

（第三以降の共同発明者についても同様に記載し、署名をすること）

(Supply similar information and signature for third and subsequent joint inventors.)

Japanese Language Declaration

日本語宣言書

第三の共同発明者の氏名 (該当する場合)		Full name of third joint inventor, if any Ryuji MONDEN	
同第三発明者の署名	日付	Third inventor's signature <i>Ryuji Monden</i>	Date 6/1/99
住所		Residence Nagano, JAPAN	
国籍		Citizenship Japanese	
郵便の宛先		Post office address c/o OMACHI Works, SHOWA DENKO, K.K., 6850, Oaza Omachi, Omachi-shi, Nagano 398-0002 JAPAN	
第四の共同発明者の氏名 (該当する場合)		Full name of fourth joint inventor, if any Atsushi SAKAI	
同第四発明者の署名	日付	Fourth inventor's signature <i>Atsushi Sakai</i>	Date 6/11/99
住所		Residence Nagano, JAPAN	
国籍		Citizenship Japanese	
郵便の宛先		Post office address c/o OMACHI Works, SHOWA DENKO, K.K., 6850, Oaza Omachi, Omachi-shi, Nagano 398-0002 JAPAN	
第五の共同発明者の氏名 (該当する場合)		Full name of fifth joint inventor, if any Yuji FURUTA	
同第五発明者の署名	日付	Fifth inventor's signature <i>Yuji Furuta</i>	Date 6/11/99
住所		Residence Nagano, JAPAN	
国籍		Citizenship Japanese	
郵便の宛先		Post office address c/o OMACHI Works, SHOWA DENKO, K.K., 6850, Oaza Omachi, Omachi-shi, Nagano 398-0002 JAPAN	
第六の共同発明者の氏名 (該当する場合)		Full name of sixth joint inventor, if any Katsuhiko YAMAZAKI	
同第六発明者の署名	日付	Sixth inventor's signature <i>Katsuhiko Yamazaki</i>	Date 6/11/99
住所		Residence Nagano, JAPAN	
国籍		Citizenship Japanese	
郵便の宛先		Post office address c/o OMACHI Works, SHOWA DENKO, K.K., 6850, Oaza Omachi, Omachi-shi, Nagano 398-0002 JAPAN	

Japanese Language Declaration

日本語宣言書

第七の共同発明者の氏名 (該当する場合)		Full name of seventh joint inventor, if any Toru SAWAGUCHI	
同第七発明者の署名	日付	Seventh inventor's signature <i>Toru Sawaguchi</i>	6/11/99 Date
住所		Residence Nagano, JAPAN	
国籍		Citizenship Japanese	
郵便の宛先		Post office address c/o OMACHI Works, SHOWA DENKO, K.K., 6850, Oaza Omachi, Omachi-shi, Nagano 398-0002 JAPAN	
第八の共同発明者の氏名 (該当する場合)		Full name of eighth joint inventor, if any Hideko OHATA	
同第八発明者の署名	日付	Eighth inventor's signature <i>Hideki Ohata</i>	6/15/99 Date
住所		Residence Chiba, JAPAN	
国籍		Citizenship Japanese	
郵便の宛先		Post office address c/o Central Research Laboratory, SHOWA DENKO, K.K., 1-1, Ohnodai 1-chome, Midori-ku, Chiba-shi, Chiba 267-0056 JAPAN	
第九の共同発明者の氏名 (該当する場合)		Full name of Ninth joint inventor, if any Yoshiaki IKENOUE	
同第九発明者の署名	日付	Ninth inventor's signature <i>Yoshiaki Ikenoue</i>	6/9/99 Date
住所		Residence Tokyo, JAPAN	
国籍		Citizenship Japanese	
郵便の宛先		Post office address c/o SHOWA DENKO, K.K., 13-9, Shiba Daimon 1-chome, Minato-ku, Tokyo 105-8518, JAPAN	
第十の共同発明者の氏名 (該当する場合)		Full name of tenth joint inventor, if any	
同第十発明者の署名	日付	Tenth inventor's signature	Date
住所		Residence	
国籍		Citizenship	
郵便の宛先		Post office address	

日本語宣言

Additional prior foreign applications:

Additional provisional applications:

Additional U.S. applications:

Page 6 of 6

Declaration and Power of Attorney for Patent Application

特許出願宣言書及び委任状

Japanese Language Declaration

日本語宣言書

下記の氏名の発明者として、私は以下の通り宣言します。

私の住所、私書箱、国籍は下記の私の氏名の後に記載された通りです。

下記の名称の発明に関して請求範囲に記載され、特許出願している発明内容について、私が最初かつ唯一の発明者(下記の氏名が一つの場合)もしくは最初かつ共同発明者であると(下記の名称が複数の場合)信じています。

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

SOLID ELECTROLYTIC CAPACITOR AND

METHOD FOR PRODUCING THE SAME

上記発明の明細書(下記の欄でX印がついていない場合は本書に添付)は、

the specification of which is attached hereto unless the following box is checked:

☐ 月 日に提出され、米国出願番号または特許協定条約

国際出願番号を とし、

(該当する場合) に訂正されました。

☐ was filed on _____
as United States Application Number or
PCT International Application Number

_____ and was amended on

_____ (if applicable).

私は、特許請求範囲を含む上記訂正後の明細書を検討し、内容を理解していることをここに表明します。

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

私は、連邦規則法典第37編第1条56項に定義されるとおり、特許資格の有無について重要な情報を開示する義務があることを認めます。

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

Japanese Language Declaration (日本語宣言書)

私は、米国法典第35編第119条(a)-(d)項又は第365条(b)項に基づき下記の、米国外の国の少なくとも一カ国を指定している特許協力条約第365条(a)項に基づく国際出願、又は外国での特許出願もしくは発明者証の出願についての外国優先権をここに主要するとともに、優先権を主張している本出願の前に出願された特許または発明者証の外国出願を以下に、枠内をマークすることで、示しています。

Prior Foreign Applications 外国での先行出願

<u>H09-329086</u>	<u>Japan</u>
(Number) (番号)	(Country) (国名)
<u>H09-329087</u>	<u>Japan</u>
(Number) (番号)	(Country) (国名)
<u>H09-343254</u>	<u>Japan</u>
(Number) (番号)	(Country) (国名)
<u>H10-70908</u>	<u>Japan</u>
(Number) (番号)	(Country) (国名)
<u>H10-112552</u>	<u>Japan</u>
(Number) (番号)	(Country) (国名)

私は、第35編米国法典119条(e)項に基づいて下記の米国特許出願規定に記載された権利をここに主要致します。

(Application No.) (出願番号)	(Filing Date) (出願日)
-----------------------------	------------------------

私は、下記の米国法典第35編第120条に基づいて下記の米国特許出願に記載された権利、又は米国を指定している特許協力条約第365条(c)に基づく権利をここに主要します。又、本出願の各請求範囲の内容が米国法典第35編第112条第1項又は特許協力条約で規定された方法で先行する米国特許出願に開示されていない限り、その先行米国出願書提出日以降で本出願書の日本国内又は特許協力条約国際出願提出日までの期間中に入手された、連邦規則法典第37編第1条第56項で定義された特許資格の有無に関する重要な情報について開示義務があることを認識しています。

(Application No.) (出願番号)	(Filing Date) (出願日)
-----------------------------	------------------------

(Application No.) (出願番号)	(Filing Date) (出願日)
-----------------------------	------------------------

私は、私自身の知識に基づいて本宣言中で私が行う表明が真実であり、かつ私の入手した情報と私の信ずるところに基づく表明が全て真実であると信じていること、さらに故意になされた虚偽の表明及びそれと同等の行為は米国法典第18編第1001条に基づき、罰金または拘禁、もしくはその両方により処罰されること、そしてそのような故意による虚偽の声明を行えば、出願した、又は既に許可された特許の有効性が失われることを認識し、よってここに上記のごとく宣誓を致します。

I hereby claim foreign priority under Title 35, United States Code, Section 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Priority Not Claimed 優先権主張なし

<u>28/11/1997</u>	<input checked="" type="checkbox"/>
(Day/Month/Year Filed) (出願年月日)	
<u>28/11/1997</u>	<input checked="" type="checkbox"/>
(Day/Month/Year Filed) (出願年月日)	
<u>12/12/1997</u>	<input checked="" type="checkbox"/>
(Day/Month/Year Filed) (出願年月日)	
<u>19/03/1998</u>	<input type="checkbox"/>
(Day/Month/Year Filed) (出願年月日)	
<u>22/04/1998</u>	<input type="checkbox"/>
(Day/Month/Year Filed) (出願年月日)	

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

<u>60/106,967</u>	<u>04/NOVEMBER/1998</u>
<u>60/106,968</u>	<u>04/NOVEMBER/1998</u>
<u>60/106,969</u>	<u>04/NOVEMBER/1998</u>
(Application No.)	(Filing Date)

I hereby claim the benefit of Title 35, United States Code Section 120 of any United States application(s), or 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose any material information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

(Status: Patented, Pending, Abandoned) (現況: 特許許可済、係属中、放棄済)

(Status: Patented, Pending, Abandoned) (現況: 特許許可済、係属中、放棄済)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Japanese Language Declaration

(日本語宣言書)

委任状: 私は、下記の発明者として、本出願に関する一切の手続きを米国特許商標局に対して遂行する弁理士又は代理人として、下記のことを指名致します。(弁理士、又は代理人の氏名及び登録番号を明記のこと)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name and registration number)

John H. Mion, Reg. No. 18,879; Thomas J. Macpeak, Reg. No. 19,292; Robert J. Seas, Jr., Reg. No. 21,092; Darryl Mexic, Reg. No. 23,063; Robert V. Sloan, Reg. No. 22,775; Peter D. Olexy, Reg. No. 24,513; J. Frank Osha, Reg. No. 24,625; Waddell A. Biggart, Reg. No. 24,861; Louis Gubinsky, Reg. No. 24,835; Neil B. Siegel, Reg. No. 25,200; David J. Cushing, Reg. No. 28,703; John R. Inge, Reg. No. 26,916; Joseph J. Ruch, Jr., Reg. No. 26,577; Sheldon I. Landsman, Reg. No. 25,430; Richard C. Turner, Reg. No. 29,710; Howard L. Bernstein, Reg. No. 25,665; Alan J. Kasper, Reg. No. 25,426; Kenneth J. Burchfiel, Reg. No. 31,333; Gordon Kit, Reg. No. 30,764; Susan J. Mack, Reg. No. 30,951; Frank L. Bernstein, Reg. No. 31,484; Mark Boland, Reg. No. 32,197; William H. Mandir, Reg. No. 32,156; Scott M. Daniels, Reg. No. 32,562; Brian W. Hannon, Reg. No. 32,778; Abraham J. Rosner, Reg. No. 33,276; Bruce E. Kramer, Reg. No. 33,725; Paul F. Neils, Reg. No. 33,102 and Brett S. Sylvester, Reg. No. 32,765

書類送付先:

Send Correspondence to:

SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC
2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202

直通電話連絡先: (名称及び電話番号)

Direct Telephone Calls to: (name and telephone number)

(202)293-7060

唯一又は第一発明者名	Full name of sole or first inventor
	Hiroshi KONUMA
発明者の署名 日付	Inventor's signature Date
	Hiroshi Konuma 12/18/98
住所	Residence
	Chiba, JAPAN
国籍	Citizenship
	Japanese
郵便の宛先	Post office address
	c/o HD Plant, SHOWA DENKO K.K., 5-1, Yawata Kaigan-dori, Ichihara-shi, Chiba 290-0067 JAPAN
第二共同発明者名(該当する場合)	Full name of second joint inventor, if any
	Koro SHIRANE
第二発明者の署名 日付	Second inventor's signature Date
	Koro Shirane 12/18/98
住所	Residence
	Chiba, JAPAN
国籍	Citizenship
	Japanese
郵便の宛先	Post office address
	c/o Central Research Laboratory, SHOWA DENKO K.K., 1-1, Ohnodai 1-chome, Midori-ku, Chiba-shi, Chiba 267-0056 JAPAN

(第三以降の共同発明者についても同様に記載し、署名をするこ (Supply similar information and signature for third and subsequent joint inventors.)

Japanese Language Declaration (日本語宣誓書)

第三共同発明者名(該当する場合)		Full name of third inventor, if any Ryuji MONDEN	
第三発明者の署名	日付	Inventor's signature <i>Ryuji Monden</i>	Date <i>12/15/98</i>
住所		Residence Nagano, JAPAN	
国籍		Citizenship Japanese	
郵便の宛先		Post office address c/o OMACHI Works, SHOWA DENKO K.K., 6850, Oaza Omachi, Omachi-shi, Nagano 398-0002 JAPAN	
第四共同発明者名(該当する場合)		Full name of fourth inventor, if any Atsushi SAKAI	
第四発明者の署名	日付	Inventor's signature <i>Atsushi Sakai</i>	Date <i>12/15/98</i>
住所		Residence Nagano, JAPAN	
国籍		Citizenship Japanese	
郵便の宛先		Post office address c/o OMACHI Works, SHOWA DENKO K.K., 6850, Oaza Omachi, Omachi-shi, Nagano 398-0002 JAPAN	
第五共同発明者名(該当する場合)		Full name of fifth inventor, if any Yuji FURUTA	
第五発明者の署名	日付	Inventor's signature <i>Yuji Furuta</i>	Date <i>12/15/98</i>
住所		Residence Nagano, JAPAN	
国籍		Citizenship Japanese	
郵便の宛先		Post office address c/o OMACHI Works, SHOWA DENKO K.K., 6850, Oaza Omachi, Omachi-shi, Nagano 398-0002 JAPAN	
第六共同発明者名(該当する場合)		Full name of sixth inventor, if any Katsuhiko YAMAZAKI	
第六発明者の署名	日付	Inventor's signature <i>Katsuhiko Yamazaki</i>	Date <i>12/15/98</i>
住所		Residence Nagano, JAPAN	
国籍		Citizenship Japanese	
郵便の宛先		Post office address c/o OMACHI Works, SHOWA DENKO K.K., 6850, Oaza Omachi, Omachi-shi, Nagano 398-0002 JAPAN	

Japanese Language Declaration

(日本語宣誓書)

第七共同発明者名 (該当する場合)		Full name of seventh inventor, if any Hideki OHATA	
第七発明者の署名	日付	Inventor's signature <i>Hideki Ohata</i>	Date 12/21/98
住所		Residence	Chiba, JAPAN
国籍		Citizenship	Japanese
郵便の宛先		Post office address c/o Central Research Laboratory, SHOWA DENKO K.K., 1-1, Ohnodai 1-chome, Midori-ku, Chiba-shi, Chiba 267-0056 JAPAN	
第八共同発明者名 (該当する場合)		Full name of eighth inventor, if any Yoshiaki IKENOUE	
第八発明者の署名	日付	Inventor's signature <i>Yoshiaki Ikenoue</i>	Date 12/10/98
住所		Residence	Tokyo, JAPAN
国籍		Citizenship	Japanese
郵便の宛先		Post office address c/o SHOWA DENKO K.K., 13-9, Shiba Daimon 1-chome, Minato-ku, Tokyo 105-8518 JAPAN	
第九共同発明者名 (該当する場合)		Full name of ninth inventor, if any	
第九発明者の署名	日付	Inventor's signature	Date
住所		Residence	
国籍		Citizenship	
郵便の宛先		Post office address	
第十共同発明者名 (該当する場合)		Full name of tenth inventor, if any	
第十発明者の署名	日付	Inventor's signature	Date
住所		Residence	
国籍		Citizenship	
郵便の宛先			

Assignment

Whereas, I, Toru SAWAGUCHI of c/o OMACHI Works, SHOWA DENKO, K.K., 6850, Oaza Omachi, Omachi-shi, Nagano 398-0002 JAPAN, hereinafter called assignor, has invented along with Hiroshi KONUMA, Koro SHIRANE, Ryuji MONDEN, Atsushi SAKAI, Yuji FURUTA, Katsuhiko YAMAZAKI, Hideko OHATA and Yoshiaki IKENOUE, certain improvements in SOLID ELECTROLYTIC CAPACITOR AND METHOD FOR PRODUCING THE SAME for which an application for Letters Patent of the United States of America has been filed, U.S. Ser. No. 09/233,541, filed January 20, 1999; and

Whereas, SHOWA DENKO K.K., 13-9, Shiba Daimon 1-chome, Minato-ku, Tokyo 105-8518 Japan (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I, the above named assignor, hereby sells, assigns and transfers to the above named assignee, its successors and assigns, my entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

FILED

JUL - 6 1999

Date: 6/11/99 Toru Sawaguchi
s/Toru SAWAGUCHI

Date: _____
s/

Date: _____
s/

Date: _____
s/

Date: _____
s/

Date: _____
s/

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

Assignment

Whereas, I/We, Hiroshi KONUMA, of c/o HD Plant, SHOWA DENKO K.K., 5-1, Yawata Kaigan-dori, Ichihara-shi, Chiba 290-0067 JAPAN, Koro SHIRANE, of c/o Central Research Laboratory, SHOWA DENKO K.K., 1-1, Ohnodai 1-chome, Midori-ku, Chiba-shi, Chiba 267-0056 JAPAN, Ryuji MONDEN, of c/o OMACHI Works, SHOWA DENKO K.K., 6850, Oaza Omachi, Omachi-shi, Nagano 398-0002 JAPAN, Atsushi SAKAI, of c/o OMACHI Works, SHOWA DENKO K.K., 6850, Oaza Omachi, Omachi-shi, Nagano 398-0002 JAPAN, Yuji FURUTA, of c/o OMACHI Works, SHOWA DENKO K.K., 6850, Oaza Omachi, Omachi-shi, Nagano 398-0002 JAPAN, Katsuhiko YAMAZAKI, of c/o OMACHI Works, SHOWA DENKO K.K., 6850, Oaza Omachi, Omachi-shi, Nagano 398-0002 JAPAN, Hideki OHATA, of c/o Central Research Laboratory, SHOWA DENKO K.K., 1-1, Ohnodai 1-chome, Midori-ku, Chiba-shi, Chiba 267-0056 JAPAN, and Yoshiaki IKENOUE, of c/o SHOWA DENKO K.K., 13-9, Shiba Daimon 1-chome, Minato-ku, Tokyo 105-8518 JAPAN for all of these eight inventors hereinafter called assignor(s), have invented certain improvements in

SOLID ELECTROLYTIC CAPACITOR AND METHOD FOR PRODUCING THE SAME

and executed an application for Letters Patent of the United States of America therefor on

December 18, 15, 21 and 10, 1998

Whereas, SHOWA DENKO K.K., of 13-9, Shiba Daimon 1-chome, Minato-ku, Tokyo 105-8518 Japan

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States Patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,
I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee,
its successors and assigns, the entire right, title and interest in the application and the invention
disclosed therein for the United States of America, including the right to claim priority under 35
U.S.C. §119, and I/we request the Commissioner of Patents to issue any Letters Patent granted
upon the invention set forth in the application to the assignee, its successors and assigns; and I/we
will execute without further consideration all papers deemed necessary by the assignee in
connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request my attorneys SUGHRUE, MION, ZINN,
MACPEAK & SEAS of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202 to
insert here in parentheses (Application number _____, filed _____)
the filing date and application number of said application when known.

Date: 12/18/98 s/ Hiroshi Konuma
Hiroshi KONUMA

Date: 12/18/98 s/ Koro Shirane
Koro SHIRANE

Date: 12/15/98 s/ Ryuji Monden
Ryuji MONDEN

Date: 12/15/98 s/ Atsushi Sakai
Atsushi SAKAI

Date: 12/15/98 s/ Yuji Furuta
Yuji FURUTA

Date: 12/15/98 s/ Katsuhiko Yamazaki
Katsuhiko YAMAZAKI

Date: 12/21/98 s/ Hideki Ohata
Hideki OHATA

Date: 12/10/98 s/ Yoshiaki Ikenuoe
Yoshiaki IKENOUE

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)